

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	11	"6620478" 2003/0064878977556	US-PGPUB; USPAT	OR	ON	2008/03/24 15:29
L2	16	"6620478" 2003/0064878 "5977556"	US-PGPUB; USPAT	OR	ON	2008/03/24 15:29
L3	10	"6620748" 2003/0064878 "5977556"	US-PGPUB; USPAT	OR	ON	2008/03/24 15:30
S1	905	(bismuth adj oxide or Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3" Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3") and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania)	US-PGPUB; USPAT	OR	ON	2007/09/10 16:26
S2	1	10/540048	US-PGPUB; USPAT	OR	ON	2007/09/06 14:05
S6	16	501/42.ccls. and (bismuth adj oxide or Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3" Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3") and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania)	US-PGPUB; USPAT	OR	ON	2007/09/06 15:16
S9	0	"501".ccls. and (bismuth adj oxide or Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3" Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3") and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania)	US-PGPUB; USPAT	OR	ON	2007/09/06 15:16

S10	127	"501".clas. and (bismuth adj oxide or Bi2O3 or "Bi.sub.2O.sub.3" Bi2O3 or "Bi.sub.2O.sub.3") and (Al2O3 or "Al.sub.2O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO2 or "GeO.sub.2" or GeO2 or "GeO.sub.2" or germanium or germania)	US-PGPUB; USPAT	OR	ON	2007/09/06 16:51
S13	1	10/590420	US-PGPUB; USPAT	OR	ON	2007/09/10 14:26
S15	1491	optical adj amplifier.ti.	US-PGPUB; USPAT	OR	ON	2007/09/10 14:32
S16	4	"6620748"	US-PGPUB; USPAT	OR	ON	2007/09/10 14:33
S17	1	2003/0064878	US-PGPUB; USPAT	OR	ON	2007/09/10 14:34
S18	0	2003/0041436	US-PGPUB; USPAT	OR	ON	2007/09/10 15:49
S19	2660	research adj development.as.	US-PGPUB; USPAT	OR	ON	2007/09/10 15:50
S20	77	"48643"	US-PGPUB; USPAT	OR	ON	2007/09/10 15:50
S21	178	(bismuth adj oxide or Bi2O3 or "Bi.sub.2O.sub.3" Bi2O3 or "Bi.sub.2O.sub.3") and (Al2O3 or "Al.sub.2O.sub.3" or "Al.sub.2O.sub.3" or Al2O3 or "Al.sub.2O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO2 or "GeO.sub.2" or GeO2 or "GeO.sub.2" or germanium or germania) and (boron adj oxide or borio or boria )	US-PGPUB; USPAT	OR	ON	2007/09/11 08:36

S22	16	(bismuth adj oxide or Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3" Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3") and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania) and (boron adj oxide or borio or boria ) and amplification	US-PGPUB; USPAT	OR	ON	2007/09/10 16:30
S23	55	(bismuth adj oxide or Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3" Bi <sub>2</sub> O <sub>3</sub> or "Bi.sub.2O.sub.3") and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (GeO <sub>2</sub> or "GeO.sub.2" or GeO <sub>2</sub> or "GeO.sub.2" or germanium or germania) and amplification	US-PGPUB; USPAT	OR	ON	2007/09/10 16:30
S24	1	10/540048	US-PGPUB; USPAT	OR	ON	2007/09/11 08:36
S25	53	potassium adj free and glass	US-PGPUB; USPAT	OR	ON	2007/09/14 10:27
S26	140	potassium adj free	US-PGPUB; USPAT	OR	ON	2007/09/14 10:44
S27	468	no adj potassium	US-PGPUB; USPAT	OR	ON	2007/09/14 11:02
S28	204	no adj potassium and (ceramic or glass)	US-PGPUB; USPAT	OR	ON	2007/09/14 11:12
S29	2360	god	US-PGPUB; USPAT	OR	ON	2007/09/14 11:47
S30	180	god and talk	US-PGPUB; USPAT	OR	ON	2007/09/14 11:49
S31	518	ghost and talk	US-PGPUB; USPAT	OR	ON	2007/09/14 11:49
S32	49	zombie and talk	US-PGPUB; USPAT	OR	ON	2007/09/14 11:50
S33	367	zombie	US-PGPUB; USPAT	OR	ON	2007/09/14 11:52
S35	5679	jesus not jesus.in..as.	US-PGPUB; USPAT	OR	ON	2007/09/14 11:53
S36	0	jesus.clm..ab.	US-PGPUB; USPAT	OR	ON	2007/09/14 11:53

S37	324	jesus.bi.	US-PGPUB; USPAT	OR	ON	2007/09/14 11:55
S38	13	jesus.ab.	US-PGPUB; USPAT	OR	ON	2007/09/14 11:55
S39	36	god.ab.	US-PGPUB; USPAT	OR	ON	2007/09/14 11:59
S40	118	love.ab.	US-PGPUB; USPAT	OR	ON	2007/09/14 14:45
S41	324	LZ-210	US-PGPUB; USPAT	OR	ON	2007/09/14 14:52
S42	0	ceramext.as.	US-PGPUB; USPAT	OR	ON	2007/09/14 14:52
S43	0	ceramex.as.	US-PGPUB; USPAT	OR	ON	2007/09/14 14:52
S44	0	ceramext	US-PGPUB; USPAT	OR	ON	2007/09/14 14:52
S45	843	cerame\$	US-PGPUB; USPAT	OR	ON	2007/09/14 14:53
S46	0	ceramex\$	US-PGPUB; USPAT	OR	ON	2007/09/14 14:53
S47	0	ceramex\$09596271	US-PGPUB; USPAT	OR	ON	2007/09/14 14:54
S48	0	"09596271"	US-PGPUB; USPAT	OR	ON	2007/09/14 14:54
S49	1	"09/596271"	US-PGPUB; USPAT	OR	ON	2007/09/14 14:54
S50	1	11/213218	US-PGPUB; USPAT	OR	ON	2007/09/14 14:59
S51	2	09/800186	US-PGPUB; USPAT	OR	ON	2007/09/14 15:00
S52	2853	guenther.in.	US-PGPUB; USPAT	OR	ON	2007/09/14 15:00
S53	1	"6457550"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:02
S54	54989	ion adj exchange and glass	US-PGPUB; USPAT	OR	ON	2007/09/14 15:03
S55	35108	ion adj exchange and glass and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide)	US-PGPUB; USPAT	OR	ON	2007/09/14 15:04

S56	22851	ion adj exchange and glass and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide)	US-PGPUB; USPAT	OR	ON	2007/09/14 15:05
S57	19775	ion adj exchange and glass and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)	US-PGPUB; USPAT	OR	ON	2007/09/14 15:05
S58	20999	ion adj exchange and (glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium)	US-PGPUB; USPAT	OR	ON	2007/09/14 15:06
S59	1286	ion adj exchange and (glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or sodo or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.	US-PGPUB; USPAT	OR	ON	2007/09/14 15:08

		sub.20.sub.3" or As203 or "As.sub.2 0.sub.3" or "As.sub.20.sub.3" or Arsenic)				
S60	0	ion adj exchange and (glass or ceramic) and (SiO2 or "SiO.sub.2" or Si02 or "Si0.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al203 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na20 or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium) and (As2O3 or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As203 or "As.sub.2 0.sub.3" or "As.sub.20.sub.3" or Arsenic) and @ad<"2002"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:09
S61	0	ion adj exchange and (glass or ceramic) and (SiO2 or "SiO.sub.2" or Si02 or "Si0.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al203 or "Al.sub.2 0.sub.3" or "Al.sub.20.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na20 or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium) and (As2O3 or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As203 or "As.sub.2 0.sub.3" or "As.sub.20.sub.3" or Arsenic) and @ad<"2003"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:09

S62	0	ion adj exchange and (glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ad<="2003"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:10
S63	0	(glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ad<="2003"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:10
S64	5342	(glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ad<="2003"	US-PGPUB; USPAT	OR	ON	2007/09/14 15:10

		sub.3" or Arsenic) and @ay<="2002"				
S65	927	(glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ay<="2002" and ion adj exchange\$	US-PGPUB; USPAT	OR	ON	2007/09/14 15:11
S66	142	(glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As <sub>2</sub> O <sub>3</sub> or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ay<="2002" and ion adj exchange\$ and refractive	US-PGPUB; USPAT	OR	ON	2007/09/14 15:20
S67	82	(glass or ceramic) and (SiO <sub>2</sub> or "SiO.sub.2" or SiO <sub>2</sub> or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al <sub>2</sub> O <sub>3</sub> or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or Na <sub>2</sub> O or "Na.sub.2 O" or "Na.sub.2O" or soda or sodium) and (As <sub>2</sub> O <sub>3</sub>	US-PGPUB; USPAT	OR	ON	2007/09/14 15:31



		or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As203 or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ay<="2002" and ion adj exchange\$ and refractive not (K2O or "K.sub.2 O" or "K.sub.2O" or K20 or "K.sub.2 0" or "K.sub.20" or potash or potassium adj carbonate or potassium).clm.				
S68	708	(glass or ceramic) and (SiO2 or "SiO.sub.2" or SiO2 or "SiO.sub.2" or silica or silicon or quartz silicon adj dioxide) and (Al2O3 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or Al203 or "Al.sub.2 O.sub.3" or "Al.sub.2O.sub.3" or alumina or aluminum or aluminium or aluminium adj oxide or aluminum adj oxide) and (Na2O or "Na.sub.2 O" or "Na.sub.2O" or Na20 or "Na.sub.2 0" or "Na.sub.20" or sodo or soda or sodium) and (As2O3 or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or As203 or "As.sub.2 O.sub.3" or "As.sub.2O.sub.3" or Arsenic) and @ay<="2002" and ion adj exchange\$ not (K2O or "K.sub.2 O" or "K.sub.2O" or K20 or "K.sub.2 0" or "K.sub.20" or potash or potassium adj carbonate or potassium).clm.	US-PGPUB; USPAT	OR	ON	2007/09/14 15:31
S69	25	("20010044369"   "20010046934"   "20020038861"   "20020041436"   "20020071948"   "20020113241"   "20020163108"   "20030063892"   "20030064878"   "20050035331"   "20050064604"   "20050092029"   "20050284184"   "20060128551"   "3785834"   "5271754"   "6235667"   "6396623"   "6410467"   "6465381"   "6599852"   "6667256"   "6764746"   "6914024"   "6936556").PN. OR ("7170674").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/01/30 14:06

S70	2	"5977556"	USPAT	OR	OFF	2008/02/26 17:21
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3/ 24/ 2008 4:21:08 PM

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